

Title (en)
ELECTROMOTIVE FURNITURE DRIVE

Title (de)
ELEKTROMOTORISCHER MÖBELANTRIEB

Title (fr)
MÉCANISME D'ENTRAÎNEMENT À MOTEUR ÉLECTRIQUE POUR MEUBLES

Publication
EP 2677899 B1 20170614 (DE)

Application
EP 12705686 A 20120224

Priority
• DE 202011000443 U 20110225
• EP 2012053172 W 20120224

Abstract (en)
[origin: WO2012113912A1] The invention relates to an electromotive furniture drive (1) comprising an energy supply device (5), a manual operation unit (7) and a mains isolation device (9), which can be switched from a deactivated state into an activated state and back, for adjusting movable furniture components relative to one another, wherein the electromotive furniture drive (1) comprises at least one reversible electric motor, wherein a speed-reducing gear mechanism is connected downstream of each electric motor, and wherein a further gear mechanism is connected downstream of each speed-reducing gear mechanism, and wherein the energy supply device (5) has a mains connection which is designed so as to be connectable to the mains by means of the mains isolation device (9), wherein the energy supply device (5) transforms the mains-side input voltage into at least one output-side low voltage, and comprises an isolation transformer or a transmission unit for the electrical isolation between the on-grid input side and the low voltage-delivering output side for operating the electromotive furniture drive (1), wherein the mains isolation device (9) comprises an auxiliary supply device (21), at least one mains disconnect switch (20), which opens in the deactivated state and is closed in the activated state, and a chargeable auxiliary power accumulator (27), wherein the auxiliary power accumulator (27) is decoupled from the energy supply device (5), connected to the auxiliary supply device (21) and can be charged by the auxiliary supply device (21).

IPC 8 full level
A47C 20/04 (2006.01); **A47B 9/04** (2006.01)

CPC (source: EP)
A47B 9/04 (2013.01); **A47C 20/041** (2013.01); **A47B 2200/005** (2013.01); **A47B 2200/0056** (2013.01); **A61G 7/018** (2013.01); **A61G 2203/12** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202011000443 U1 20120529; CN 203789529 U 20140827; EP 2677899 A1 20140101; EP 2677899 B1 20170614; WO 2012113912 A1 20120830

DOCDB simple family (application)
DE 202011000443 U 20110225; CN 201290000316 U 20120224; EP 12705686 A 20120224; EP 2012053172 W 20120224